

HDMI to DVI with Audio Converter

ITEM NO.: HD01

These handy devices provide an easy and instant approach for converting digital video (HDMI) and both digital audio (SPDIF) and analog stereo audio to digital video (DVI). With these Converters, HDMI based devices such as DVD, PS3, or set top boxes can connect to your PC LCD monitor and PC speakers at lowest cost. DVI based devices such as PC with SPDIF or analog stereo audio can connect to your HDMI TV at lowest cost.

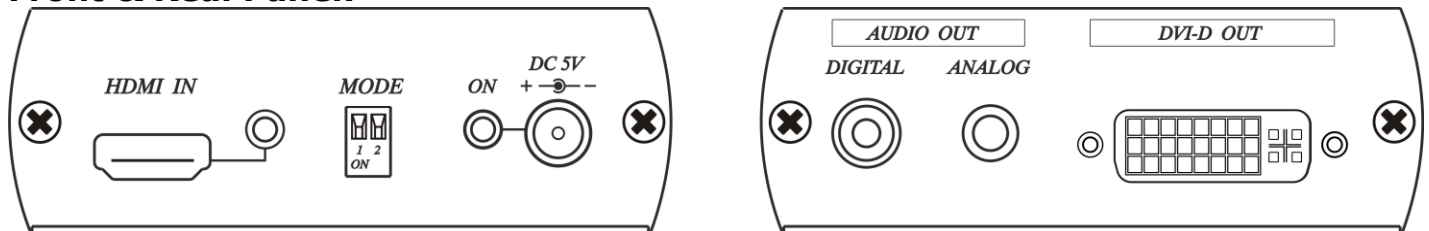


HD01 HDMI to DVI Converter

Feature:

- HDMI 1.3 compatible
- Fully HDCP compliant
- DVI video up to 165MHz
- Coaxial SPDIF audio, stereo analog audio output

Front & Rear Panel:



Dip Switch Setting:

1. MODE: 2-level dip switch for audio settings

- 1 ON: 2 channel Analog Audio output
- 2 ON: 2 channel / 5.1 channels SPDIF output
- OFF: No audio output

2. LED Status Indicator

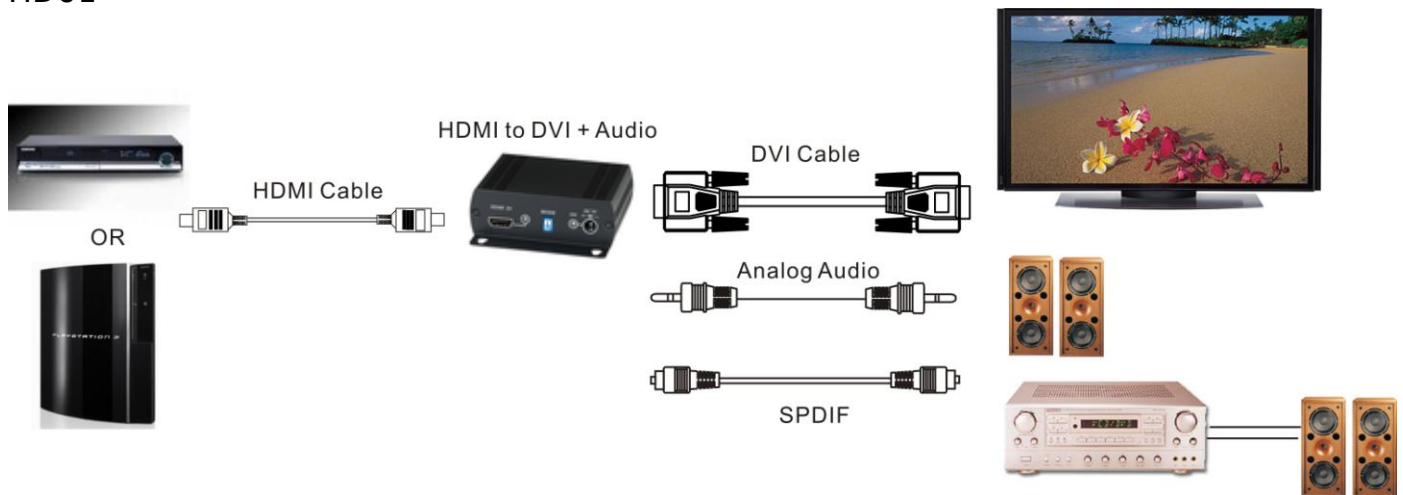
- [HDMI] – lights up means the HDMI device is connected
- [Power] – lights up means the DC power is connected

Remark: SPDIF format is dependent upon the embedded digital audio part in the input HDMI stream. The SPDIF receiver must be able to recognize the input SPDIF format. Our device only separates the digital audio in HDMI stream, and bypasses this decoded audio to the output.

Analog audio only support 2 channels, there is no output when the source is AC3/DTS multi channel audio.

Installation View:

HD01



REMARK:

EDID: Extended display identification data is a data structure provided by a computer display to describe its capabilities to a graphics card. It is what enables a modern personal computer to know what kind of monitor is connected

Trouble Shooting:

1. Only HDMI enabled TV sets with underscan/overscan* support, the full active video can be accurately displayed. Some HDMI equipped TV sets may not support this feature. If underscan/overscan* is NOT supported, the top, bottom, left and right border of the active video may be screened, and the S/PDIF audio may not sound right.
2. S/PDIF audio input can support up to 6-channel audio input. If your TV not supports Dolby Digital or dts audio decoding, then you will add audio decoder or amplifier.
3. S/PDIF supports only 48 KHz audio sample rate. Other than this rate, the input digital audio should be adjusted to 48 KHz in order to get audio signal correctly sent.

Specification:

ITEM NO.	HD01
Video Amplifier Bandwidth	1.65 Gbps
Output Video Signal	1.2 Volts p-p
Output DDC Signal	5 Volts p-p (TTL)
Single Link Rang	1080P/1920x1200
Input/Output Connector	DVI-I 29 pin female (digital only) HDMI Type A 19 PIN RCA Connector: Coax SPDIF, 3.5mm Phone Jack: Analog stereo
Temperature	Operation: 0 to 55°C, Storage: -20 TO 85°C, Humidity: up to 95%
Power Consumption	440mA (max)
Power Supply	DC5V 1AMP
DIMENSIONS W x H x D mm	88 x 95 x 30
Weight	190

RoHS CE FC

Rev. B